



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090023-C

**Mode:** Highway

**Status:** Submitted

### I-73, I-74, US-220

**From/Cross Street:** North of SR 1500 (Post office Road)

**Specific Improvement Type:** 17 - Upgrade Freeway to Interstate Standards

**To:** North of NC 24/27

**Project Category:** Statewide Mobility

**Length:** 2.23

**TIP#:** I-4406C

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$8,270,000

#### Description:

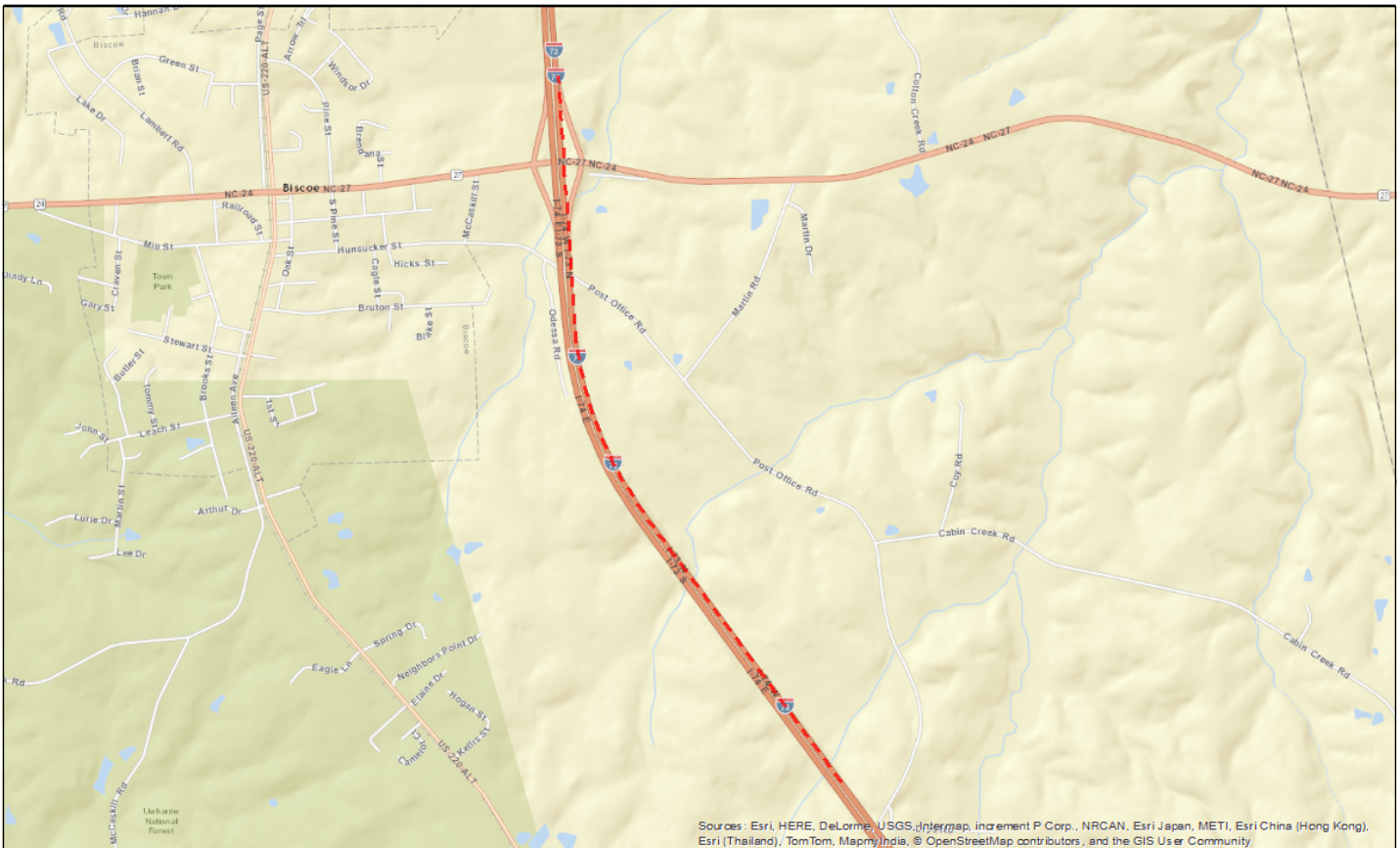
South of Steeds to North of Emery. Upgrade to interstate Standards. Section C: North of SR 1500 (Post office Road) to North of NC 24-27..

**Division(s):** Division 8

**County(s):** MONTGOMERY

**MPOS(s)/RPO(s):** Piedmont Triad RPO

#### Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

**Statewide Mobility Total Score: 10.43**

<b>Quantitative Score</b>		<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (30%)	19.47	N/A	N/A
Safety (10%)	16.88		
Economic Competitiveness (10%)	0.00		
Multimodal + [Freight & Military] (20%)	14.49		
[Travel Time] Benefit/Cost (30%)	0.00		
<b>Totals: Weight: 100% Weighted Score: 10.43</b>			

**Regional Impact Total Score: 16.53**

<b>Quantitative Score</b>		<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (25%)	19.47	Percent: 15% Points: 0	Percent: 15% Points: 50
Safety (10%)	16.88		
[Travel Time] Benefit/Cost (25%)	0.00		
Accessibility / Connectivity (10%)	24.78		
<b>Totals: Weight: 70% Weighted Score: 9.03</b>			

**Division Needs Total Score: 5.58**

<b>Quantitative Score</b>		<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%)	19.47	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%)	16.88		
[Travel Time] Benefit/Cost (20%)	0.00		
<b>Totals: Weight: 50% Weighted Score: 5.58</b>			

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	65
Length (miles):	2.23
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	14778.01
Capacity:	65400
Volume/Capacity Ratio:	0.23
% Autos:	80%
% Trucks:	20%
Truck Volume:	2898.45
Crash Density:	14.84
Crash Severity:	10.15
Critical Crash Rate:	25.65
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	0
Actual Congested Speed:	64
Travel Time Index:	1.02

**Project Benefits**

Project Cross-Section:	
Speed Limit:	65
Length (miles):	2.23
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 8	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Piedmont Triad RPO	100%	50	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>50</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$8,250,000	TIP Unit
Right-of-Way Cost:	\$20,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$8,270,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$8,270,000</b>	